

## Clarkson - PSTC Plan Broadcast Project Jointly

Tentative approval has been given for a joint broadcast station project with the State Teachers College. Plans have been underway for some time for this fool-proof broadcast network a similar one of which, is already being enjoyed by the students of St. Lawrence University. The usual procedure is to join the intercollegiate broadcast system, of which schools like Columbia, Colgate, Syracuse and many others are members.

This station would become a very important part of both colleges and would be operated with the greatest efficiency. With such a station it will be possible to give sports broadcasts, make announcements of vital interest, and present entertainment programs to a greater number of the students of both schools.

From the standpoint of education this station will be very valuable, as it will give training in radio broadcasting and experience in singing and concert work. One obvious advantage of such a station is the fact that continuous "canned" music of the best orchestras and composers could be presented without the nuisance of commercials.

The two schools are particularly fortunate in having available a good combination of technical and artistic talent which should insure the project phenomenal success.

### New Type Station

This station will not operate upon the same principle as an ordinary commercial radio station but will utilize a new principle altogether, the principle of superimposing a carrier current upon the powerlines. Reception will be

accomplished by merely tuning in the radio set. There is no interference set up which will conflict with other stations or radio programs. The transmission of this type of station is confined to the village and will be carried only as far as local power circuits operate. This will give adequate service for the two schools and yet will not interfere with anyone else.

The reason that this type of station has proved so very popular in colleges is that it is fool-proof. There are no licenses required and the expense and technical problems will be considerably less than in radio broadcasting. There is, however, some expense to the project and this will have to be worked out between the two schools.

The plan originally was formed and will be carried out by the Electronic Society of the Electrical Engineering Department, with Professor Record and Mr. McPheeters as advisors.